

09/830749

PCT/US99/25593

WO 00/26251

Inventor: Jordan L. HOLTZMAN
Docket No.: 100-1000-USWO
Title: A COMPLEX OF A CHAPERONE WITH β -AMYLOID AND METHODS EMPLOYING
COMPLEX
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Phone No.: 612.371.5240
Sheet 1 of 16

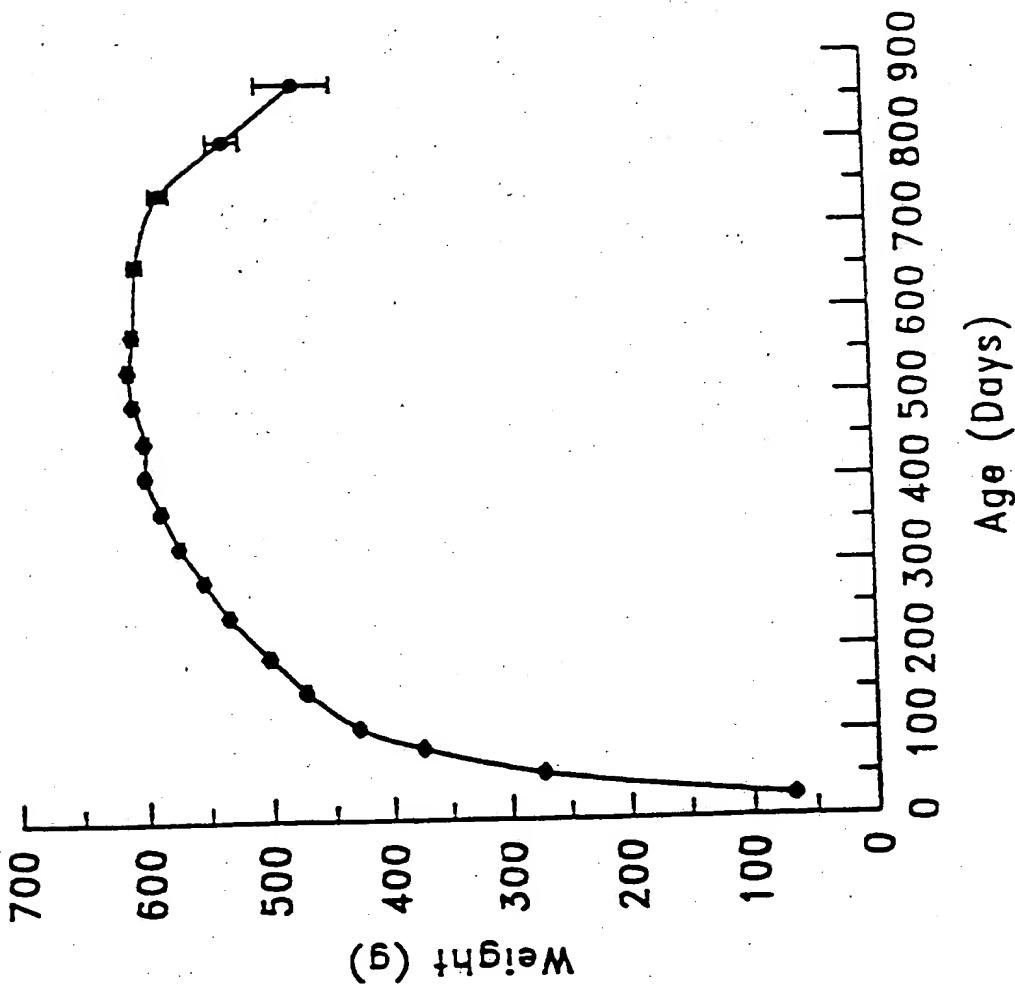


Figure 1: Animal Weights as a Function of Age

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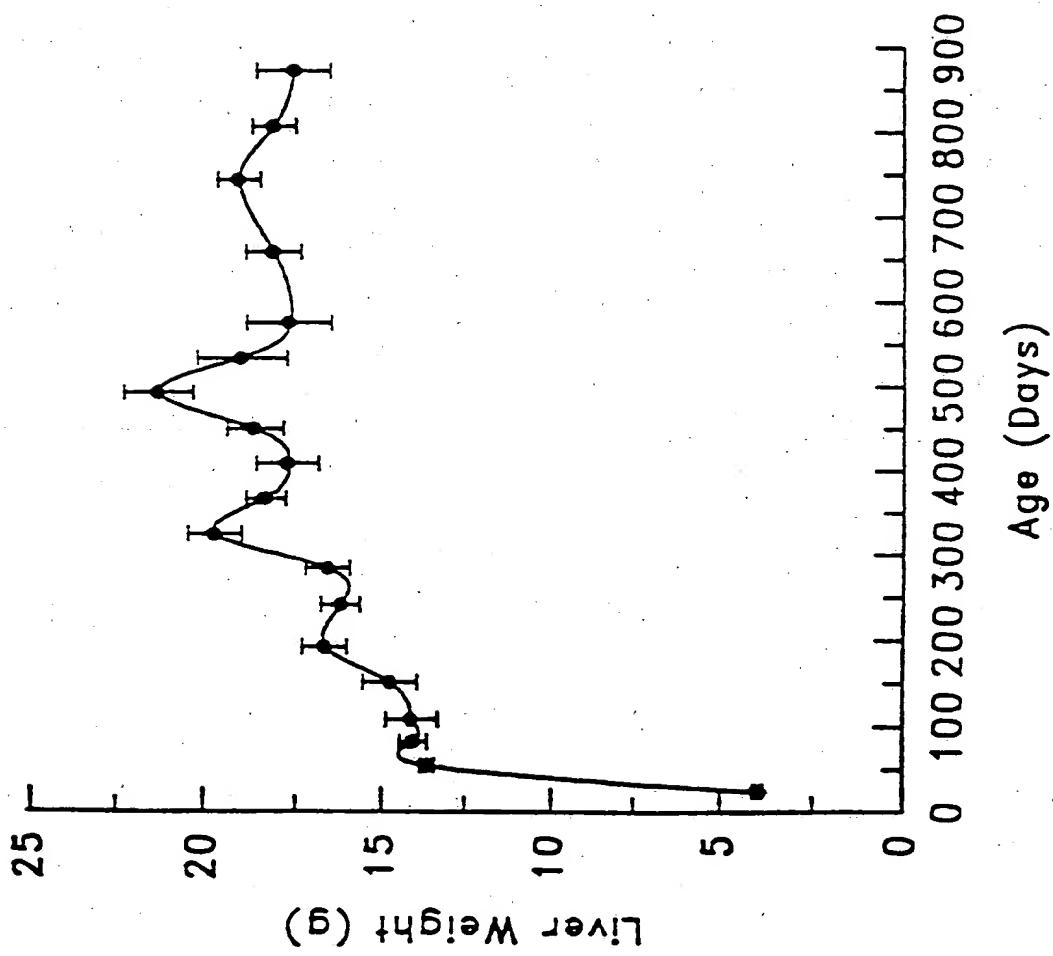


Figure 2: Liver Weights as a Function of Age

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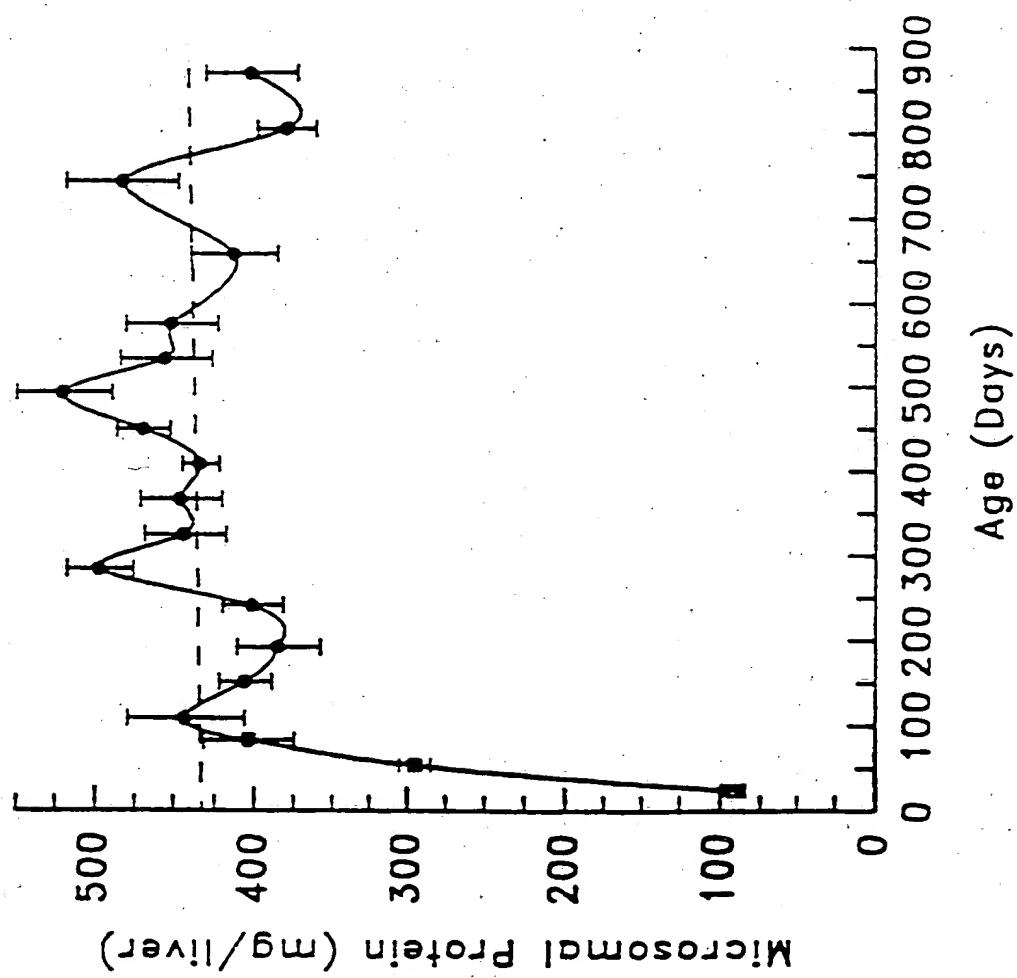


Figure 3: Microsomal Protein per gram Liver as a Function of Age

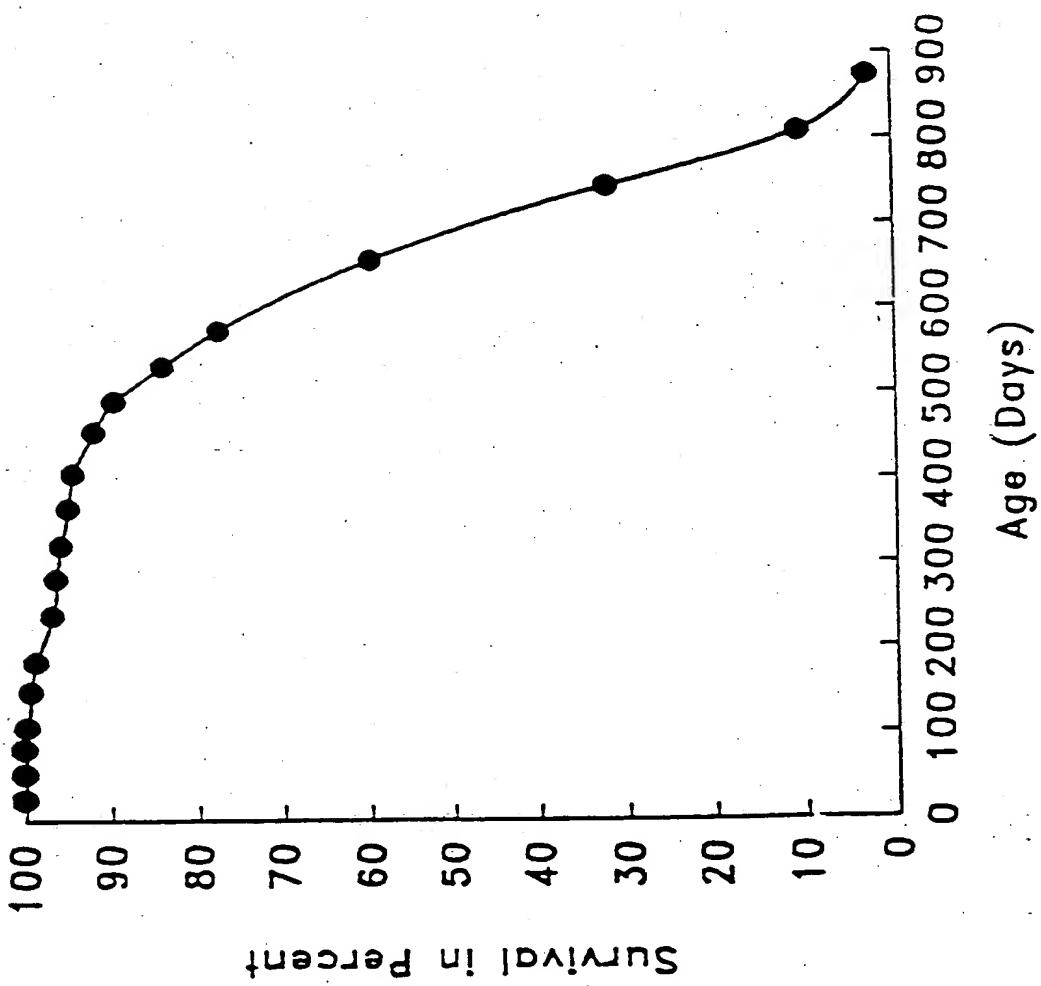


Figure 4: Life Table Analysis of Animal Survival

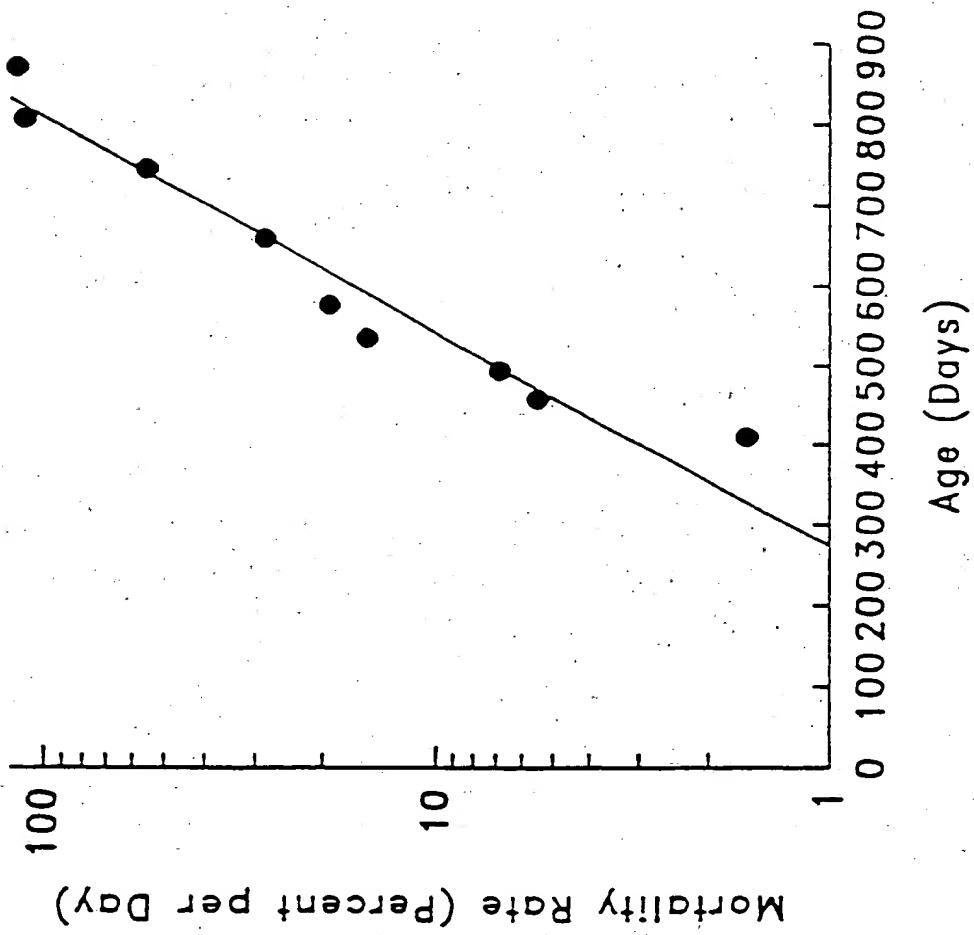
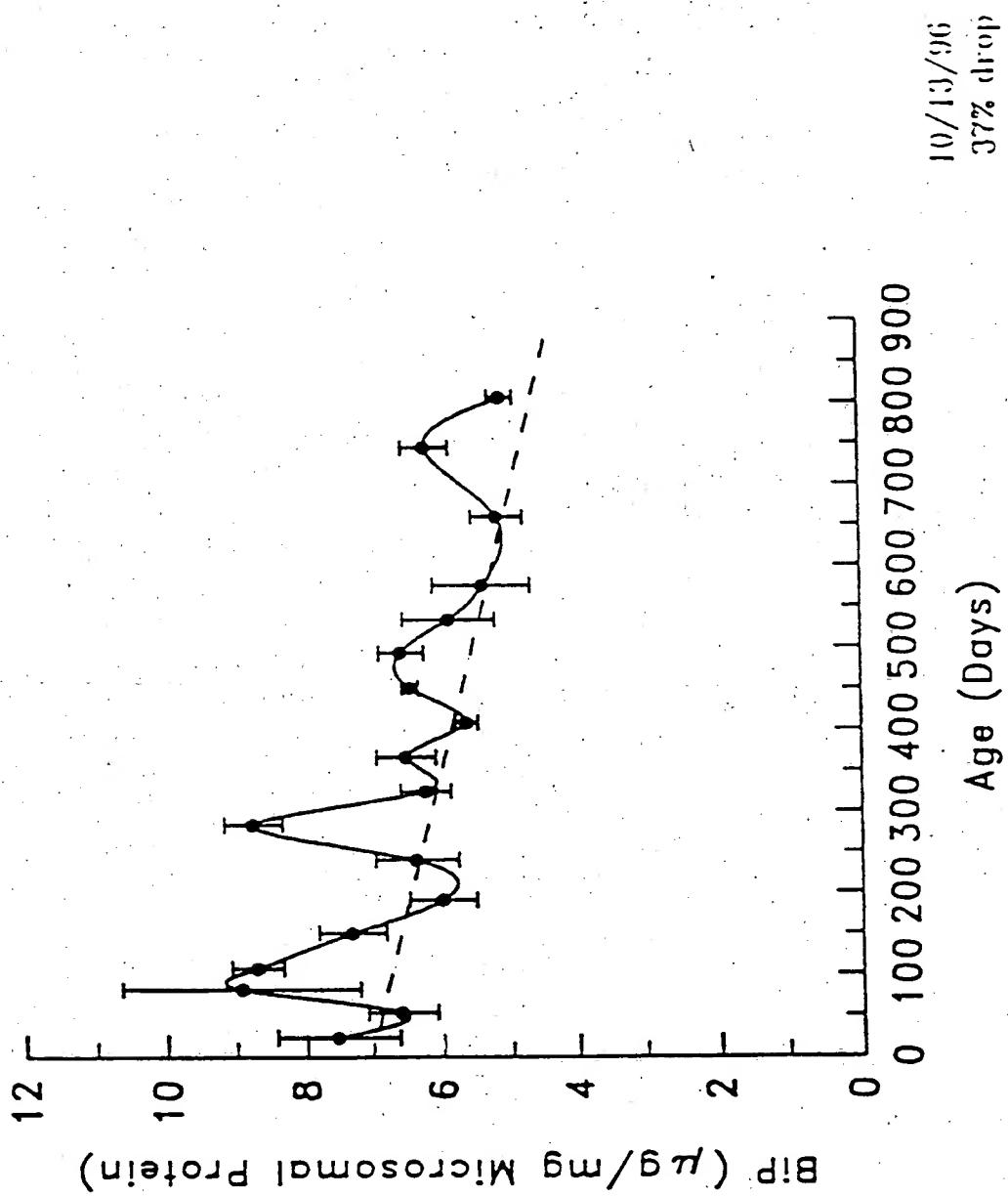


Figure 5: Mortality Rate versus Age

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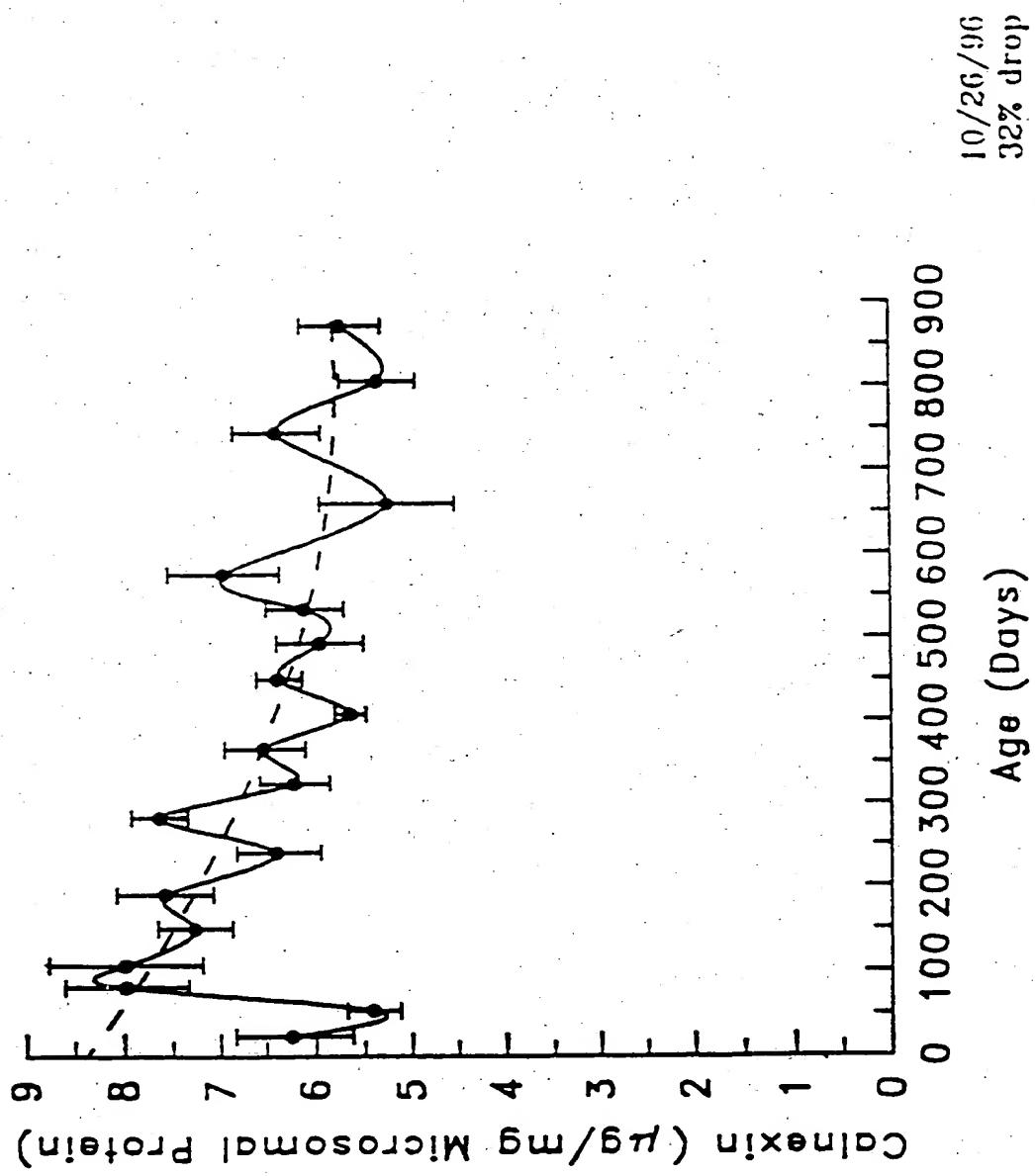


Figure 12: Effect of Age on the Hepatic, Microsomal Calnexin Levels

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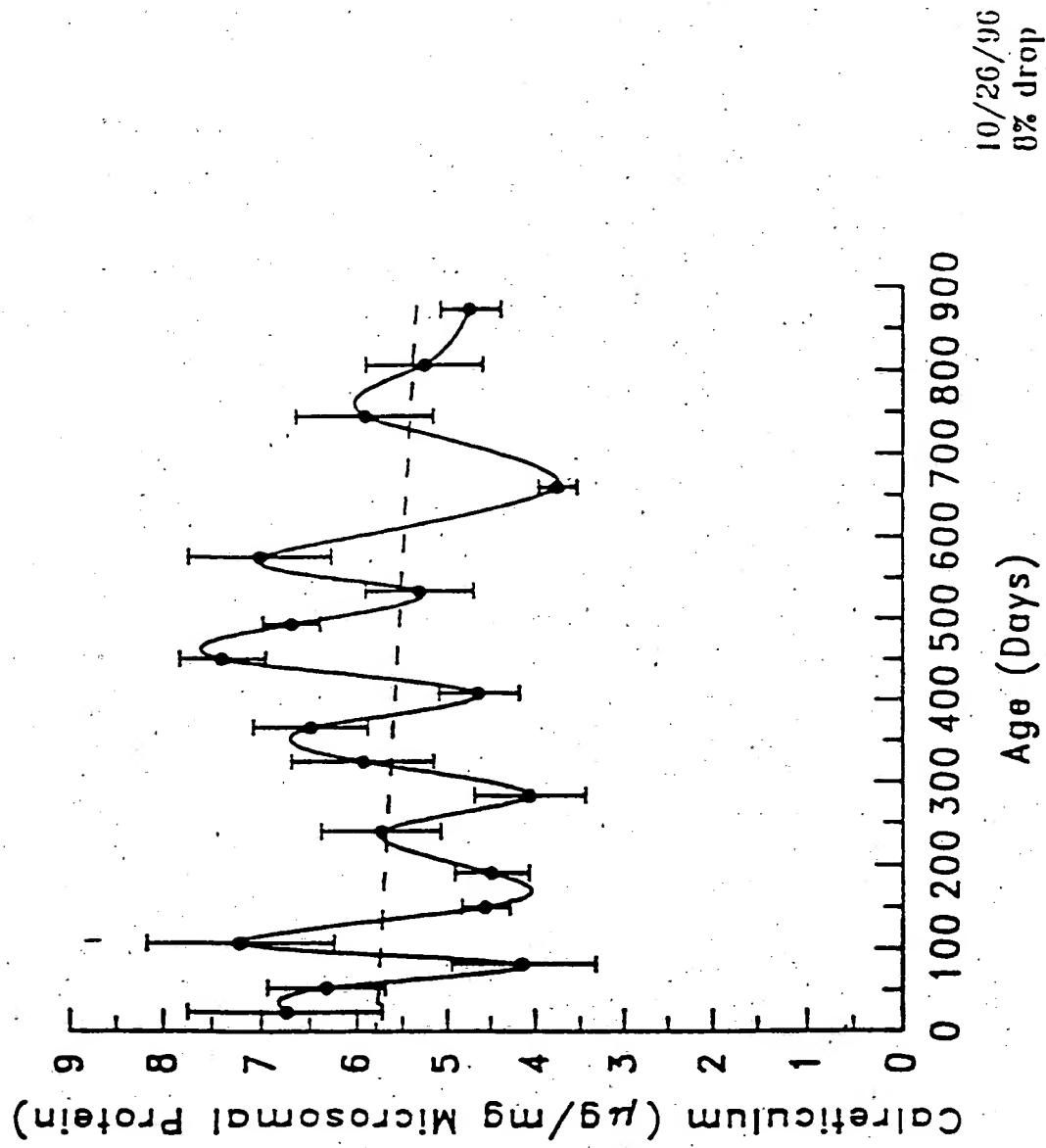


Figure 13: Effect of Age on the Hepatic, Microsomal Calreticulin Levels

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

104 Kd

81.0 Kd

47.7 Kd

34.6 Kd

28.3 Kd

19.2 Kd

B

1 2 3 4 5 6 7 8 9 10 11 12 13 14

104 Kd

81 Kd

47.7Kd

34.6Kd

28.3Kd

19.2Kd

FIGURE 14: Immunoblots with A) Chicken Polyclonal antibodies to α_2 and B) Monoclonal Antibodies to β -amyloid 1-42. Channel 1 - Prestained Standards; Channels 2 - Rat Hepatic Microsomes; Channels 3-7 & 9-14 - 15 μ l of CSF from Normal, Human Subjects, Ages 6 Months to 59 Years; Channel 8 - Purified α_2 .

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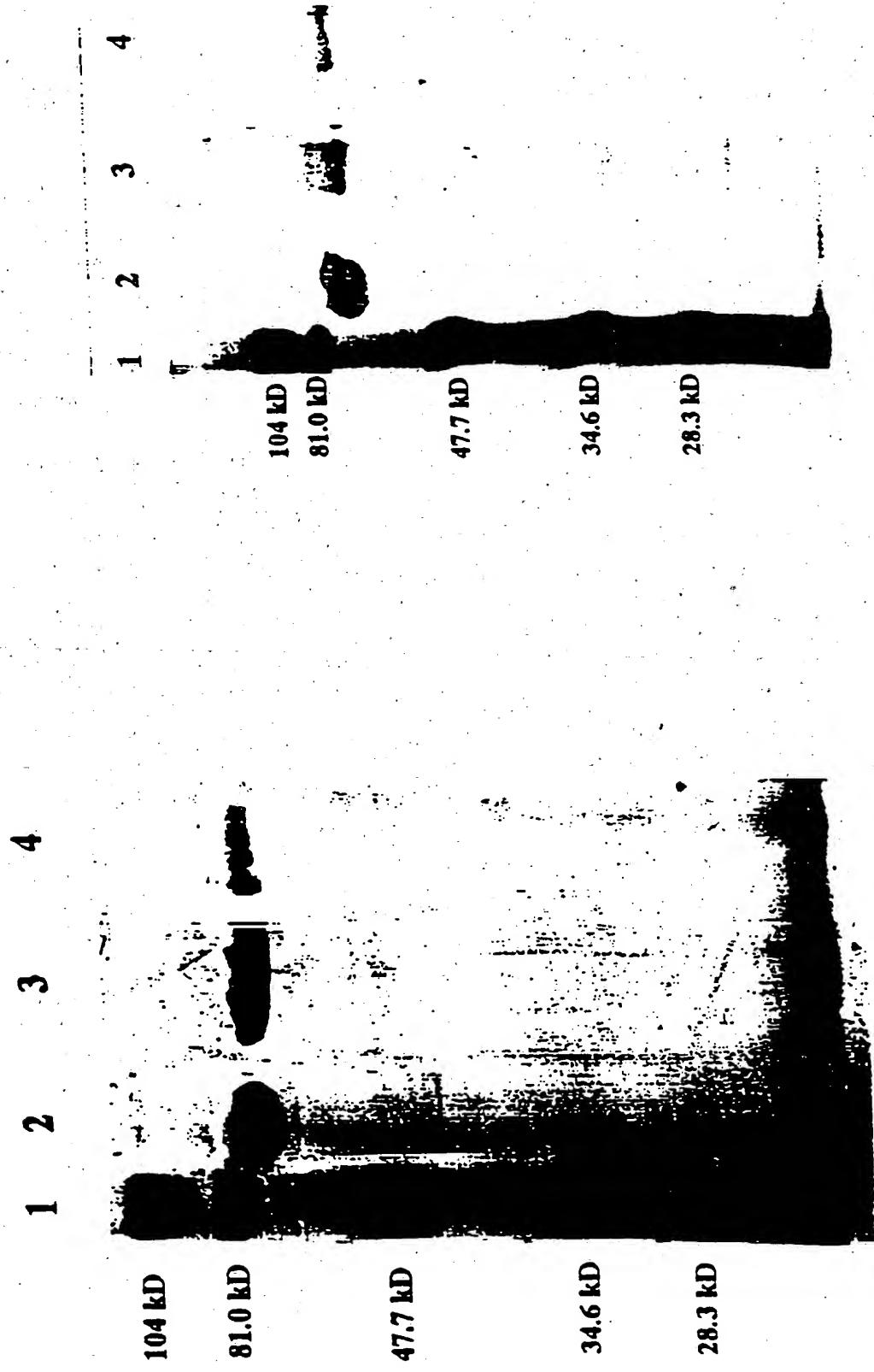


FIGURE 15: Immunoblots with A) Polyclonal antibodies to Q2 and B) to β -amyloid 1-42. Channel 1 - Prestained Standards; Channels 2 - CSF; Channel 3 - CSF Separated by affinity chromatography with anti- β -amyloid antibodies; Channel 4 - CSF Separated by affinity chromatography with anti-Q2 antibodies

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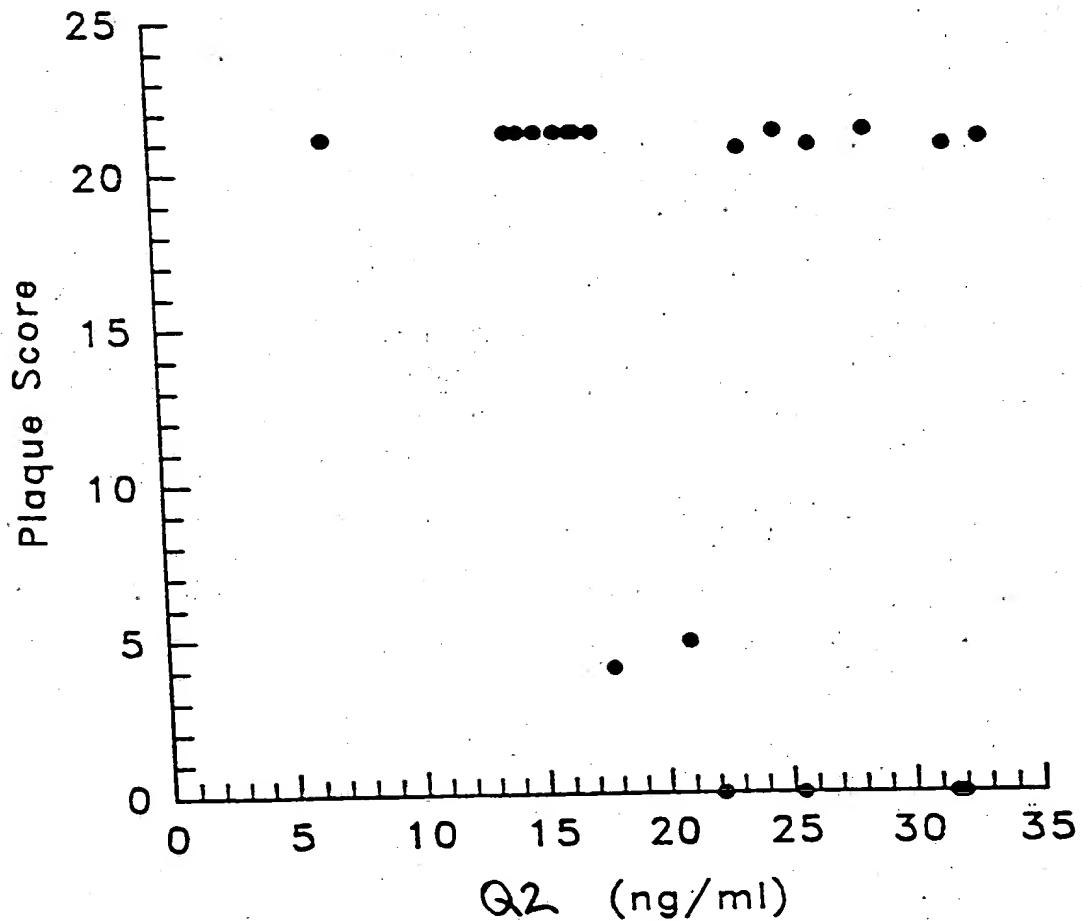


FIGURE 16: The CSF Concentrations of Q2 Compared to Senile Plaque Scores in the Brains of Participants in the Nun Study.

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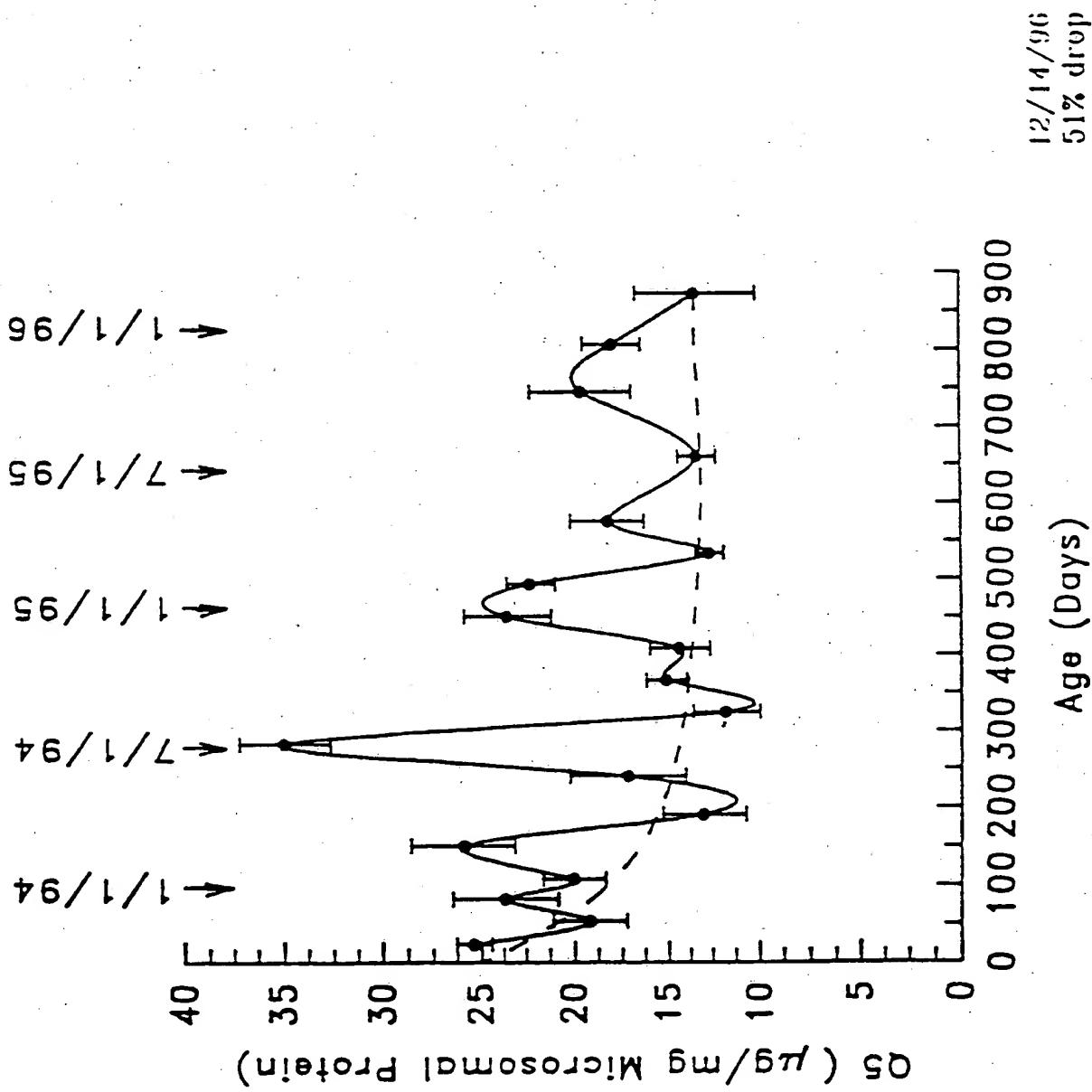


Figure 6: Effect of Age on the Hepatic, Microsomal Q5 Levels

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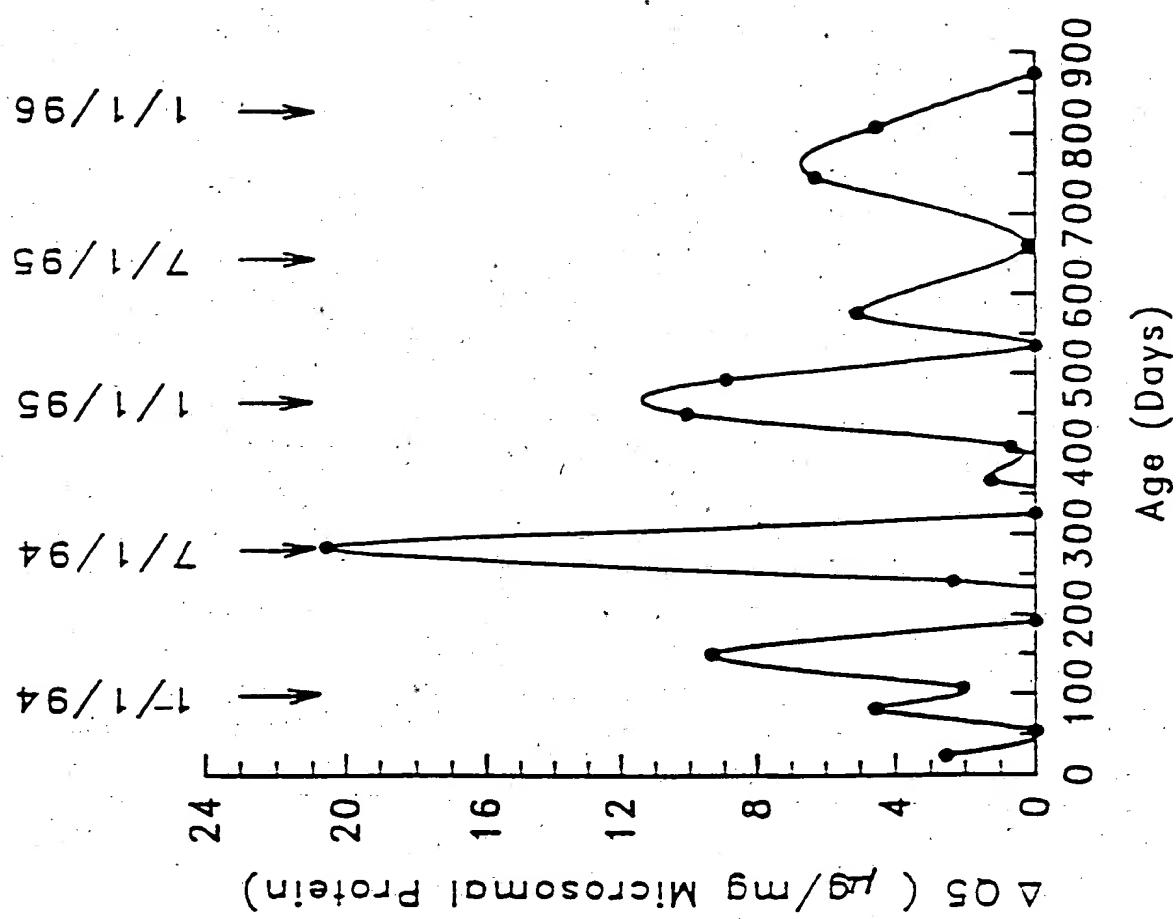
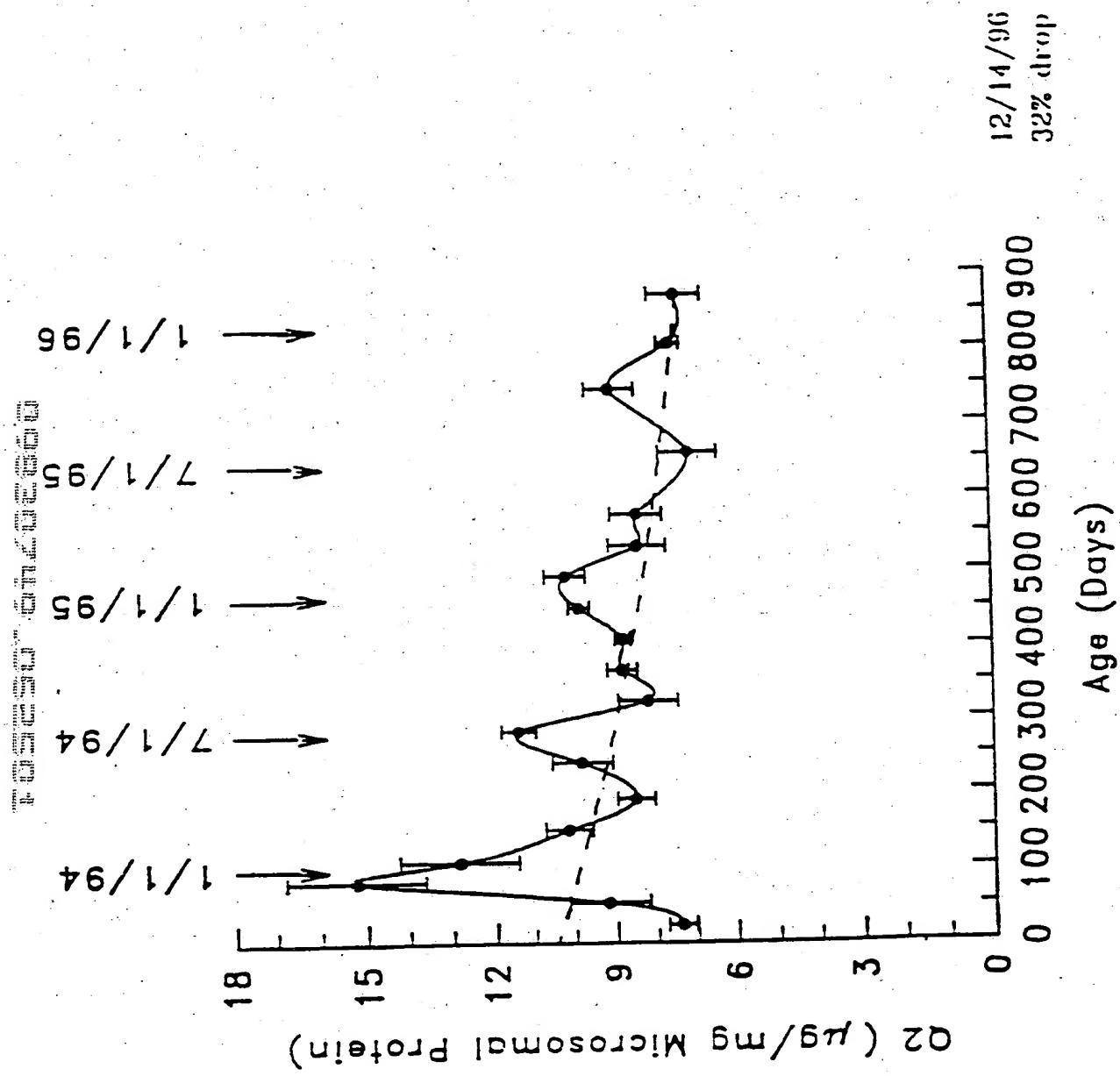


Figure 7: The Effect of Age on the Stress Responsive Levels of Q5.

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Figure 8: Effect of Age on the Hepatic, Microsomal Q₂ levels



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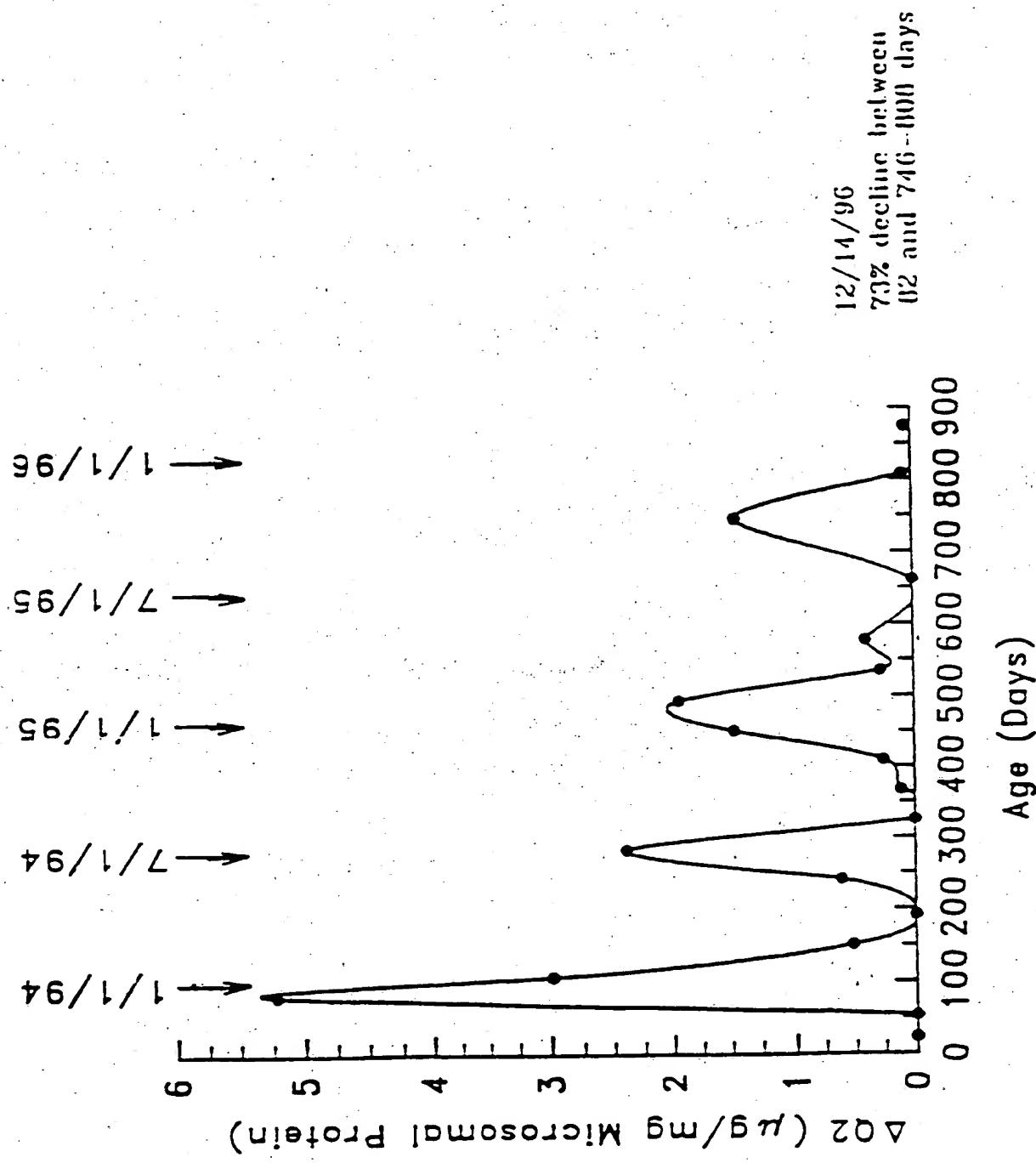


Figure 9: The Effect of Age on the Stress Responsive Levels of Q2.

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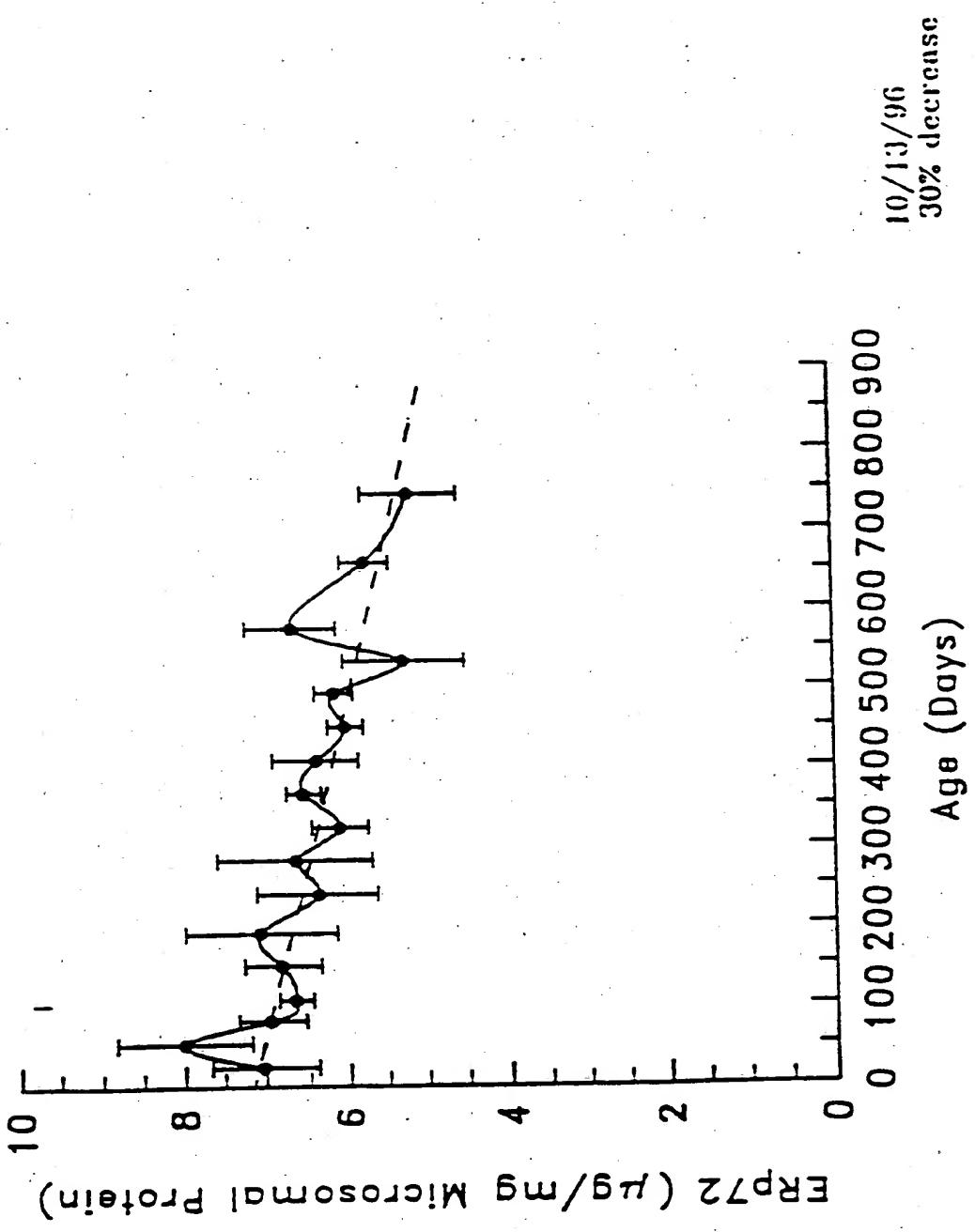


Figure 10: Effect of Age on the Hepatic, Microsomal ERp72 Levels

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